



## Wi-Fi CERTIFIED™ Interoperability Certificate

This certificate lists the features that have successfully completed Wi-Fi Alliance interoperability testing.  
Learn more: [www.wi-fi.org/certification/programs](http://www.wi-fi.org/certification/programs)



**Certification ID: WFA16614**

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<b>Date of Last Certification</b>	September 25, 2012
<b>Company</b>	LG Electronics
<b>Product</b>	LED LCD TV
<b>Model Number</b>	47LA6900-NA
<b>Product Identifier(s)</b>	
<b>Category</b>	Televisions & Set Top Boxes
<b>Subcategory</b>	Television
<b>Hardware Version</b>	Product: , Wi-Fi Component:
<b>Firmware Version</b>	Product: Firmware:1.0 / Hardware:R01, Wi-Fi Component:
<b>Operating System</b>	Proprietary / Other: Unspecified
<b>Frequency Band(s)</b>	2.4 GHz, 5 GHz

### Summary of Certifications

<b>CLASSIFICATION</b>	<b>PROGRAM</b>
Connectivity	Wi-Fi CERTIFIED™ a, b, g, n WPA™ - Personal WPA2™ - Personal Wi-Fi Direct®
Optimization	WMM®
Access	Wi-Fi Protected Setup™
Applications & Services	Miracast® - Display



**Security**

WPA™ - Personal  
WPA2™ - Personal

**Wi-Fi CERTIFIED™ a**

**Wi-Fi CERTIFIED™ b**

**Wi-Fi CERTIFIED™ g**

**Wi-Fi CERTIFIED™ n**

2.4 GHz, 5 GHz  
2 Spatial Streams 2.4 GHz  
2 Spatial Streams 5 GHz  
Short Guard Interval  
40 MHz operation in 5 GHz  
HT Duplicate Mode (MCS 32)

**Wi-Fi Direct®**

2.4 GHz, 5 GHz

**WMM®**

**Wi-Fi Protected Setup™**

2.4 GHz, 5 GHz  
PIN  
Push-Button (PBC)

**Miracast®**

Release 1  
Display Device